

# MRO Integrated Supply Chain Management Overview

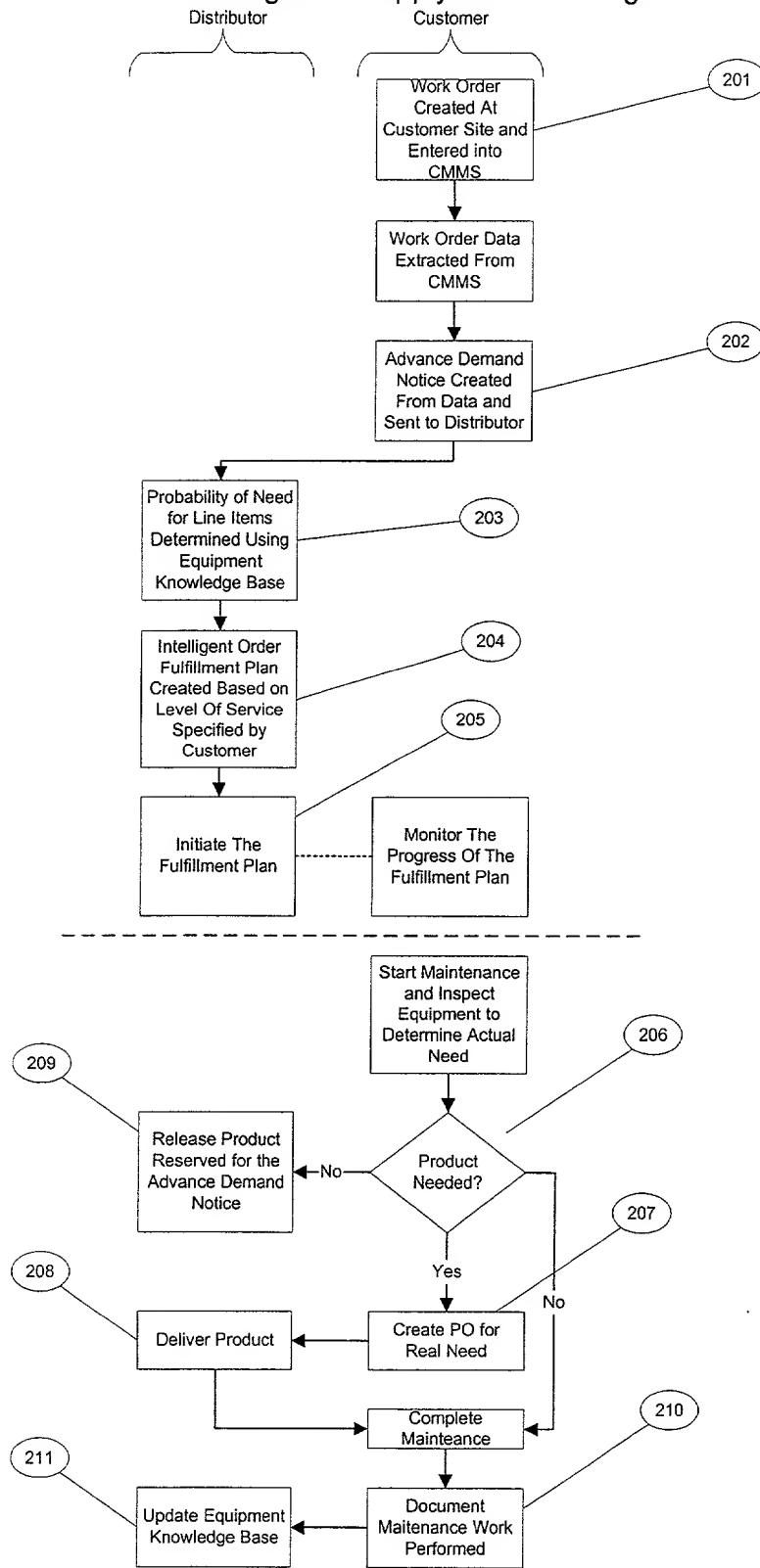


Figure 1

# Intelligent Agent and Transaction Network

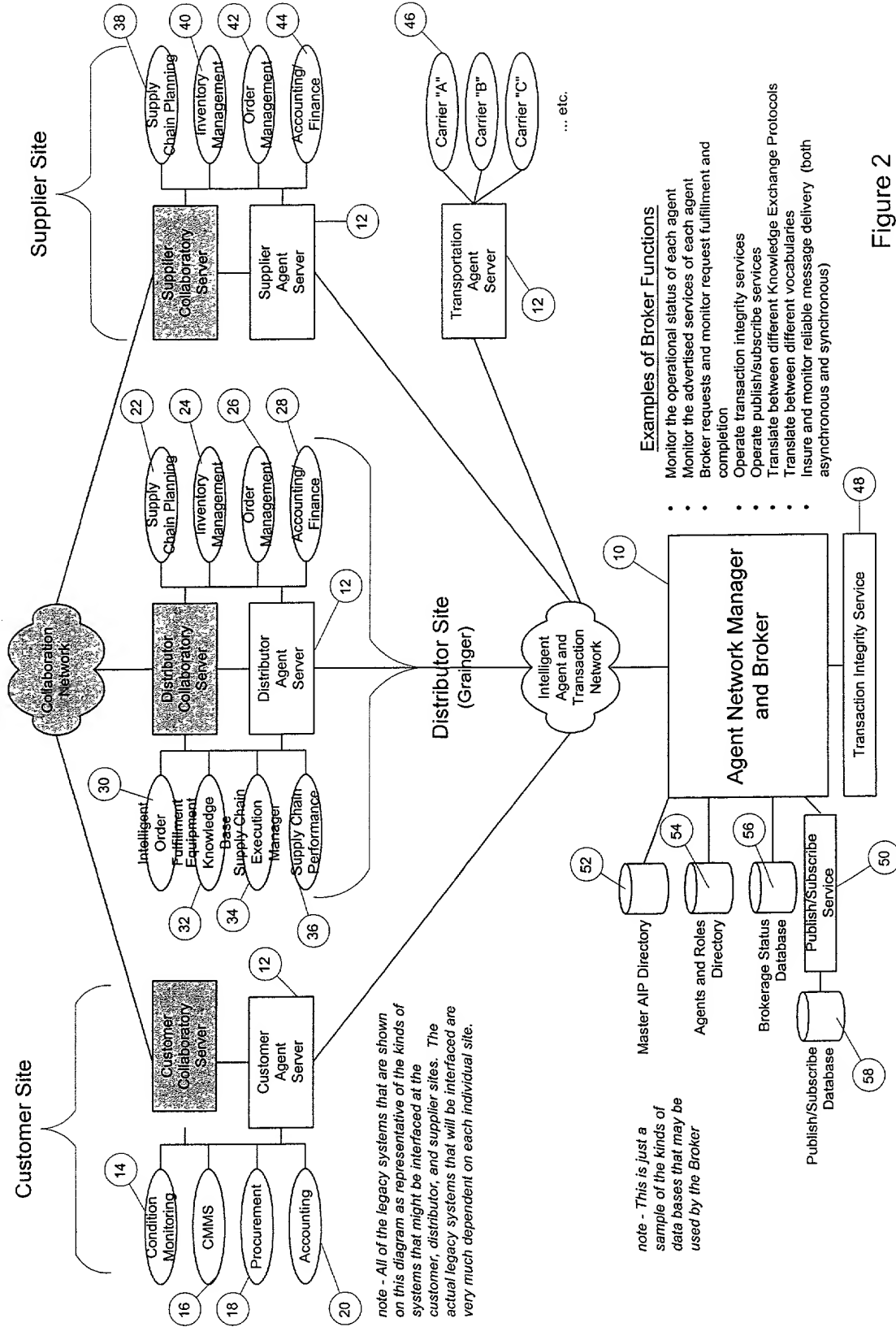


Figure 2

# Agent Server Components Depicted in the Context of a Customer Site

note - This is just a sampling of the possible legacy systems that can be interfaced to the Agent Server.

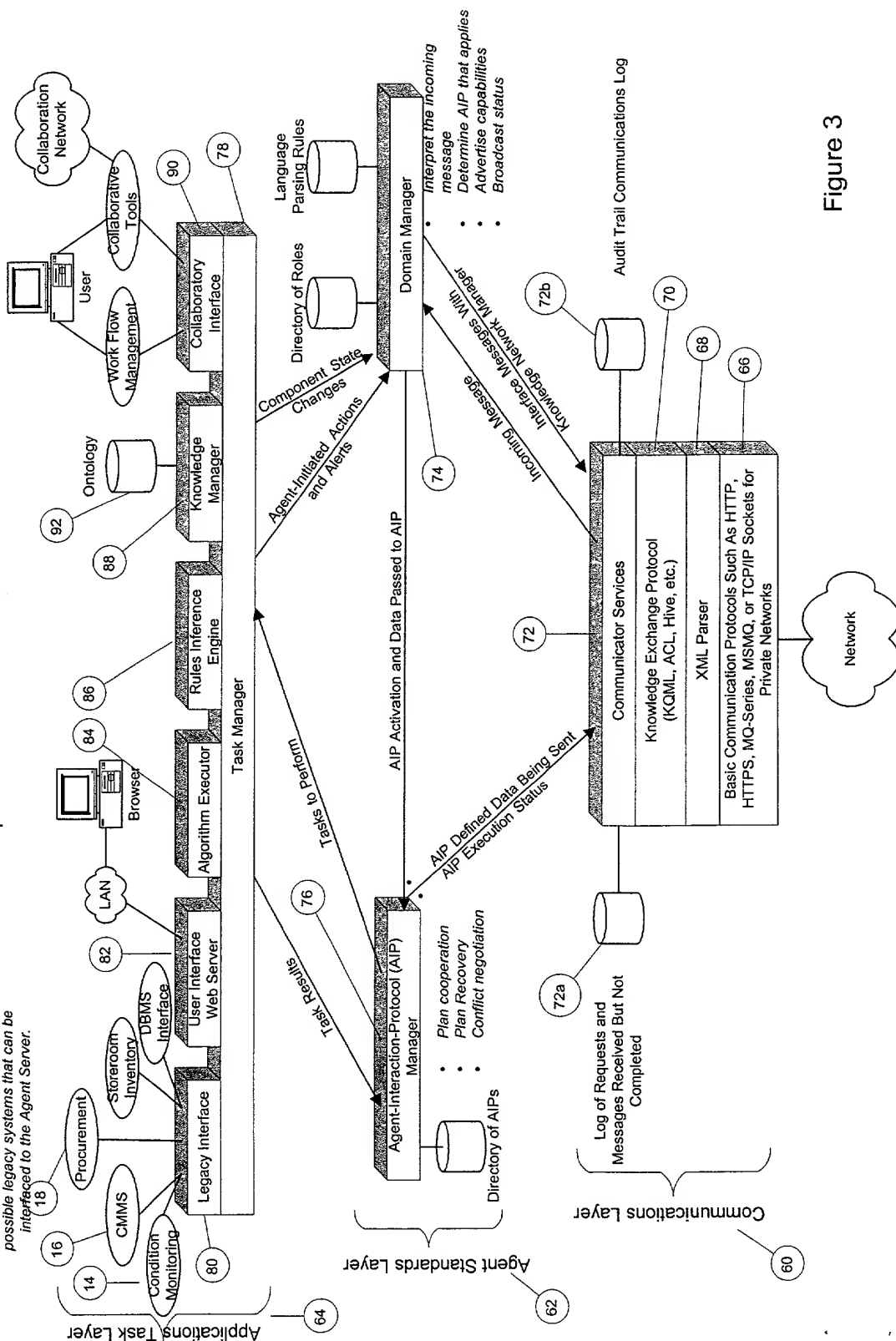


Figure 3

# Agent Server Components Depicted in the Context of a Distributor Site

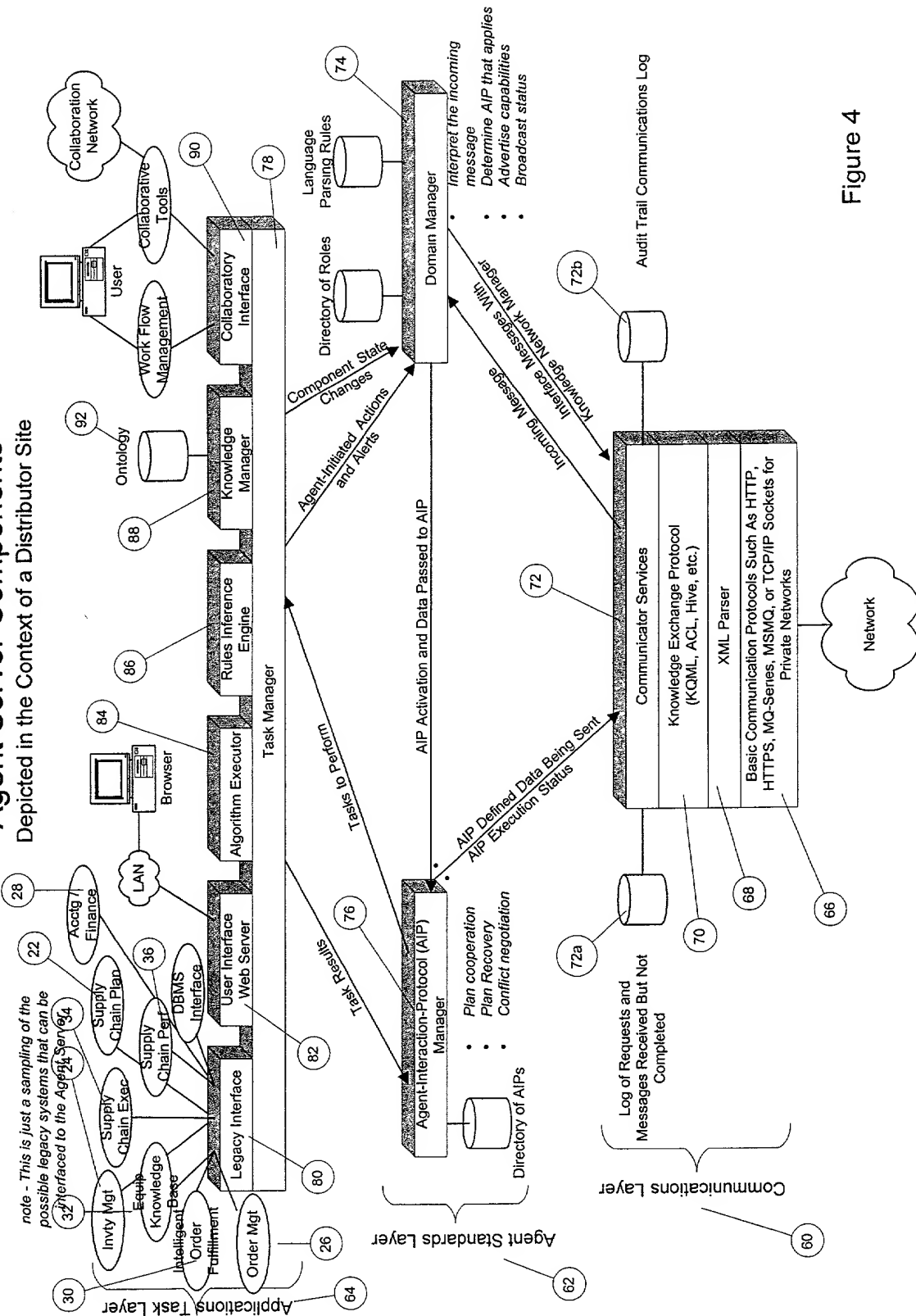


Figure 4

# Agent Server Components Depicted in the Context of a Supplier Site

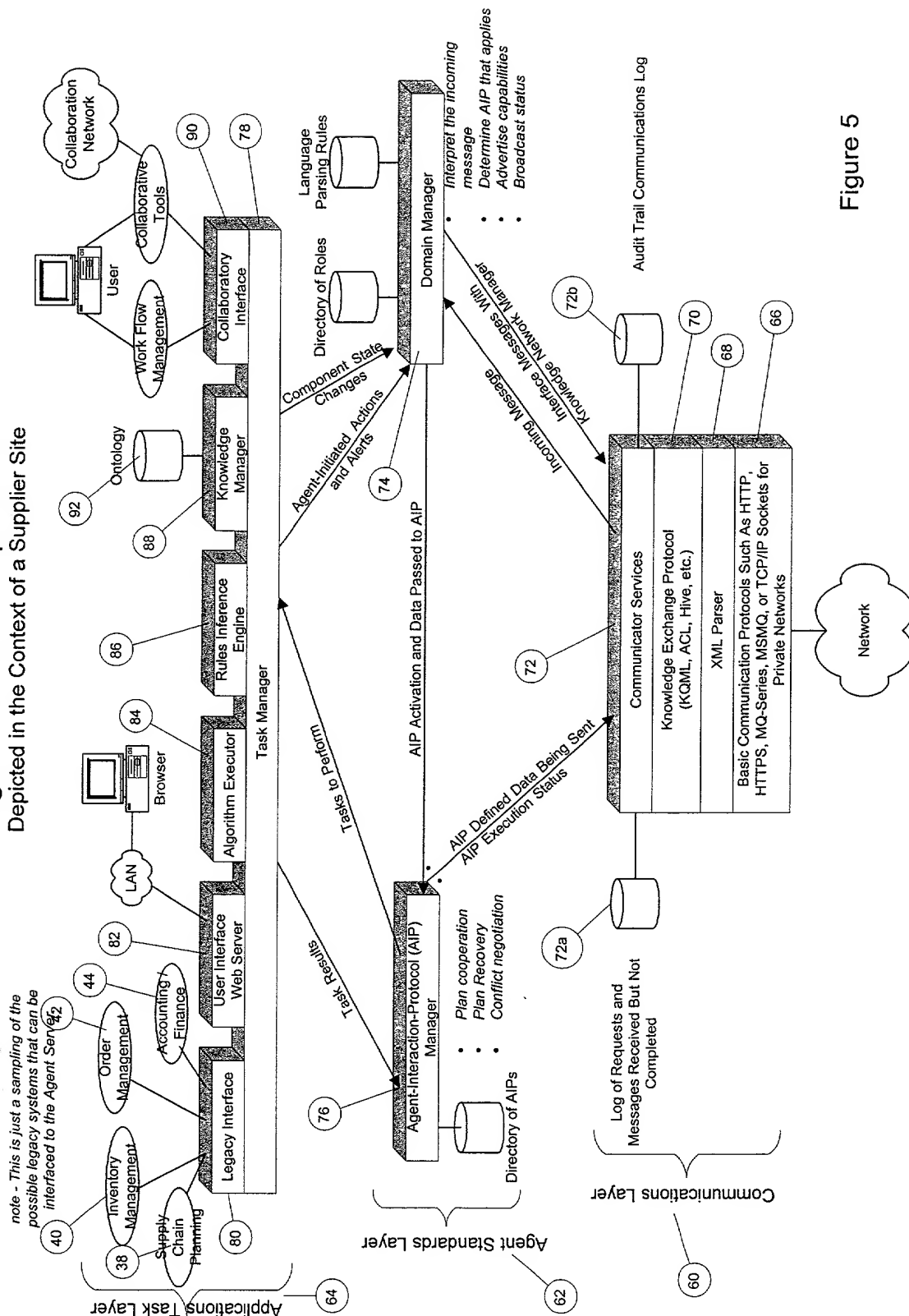


Figure 5

# Ontology Structure and Meta-Knowledge

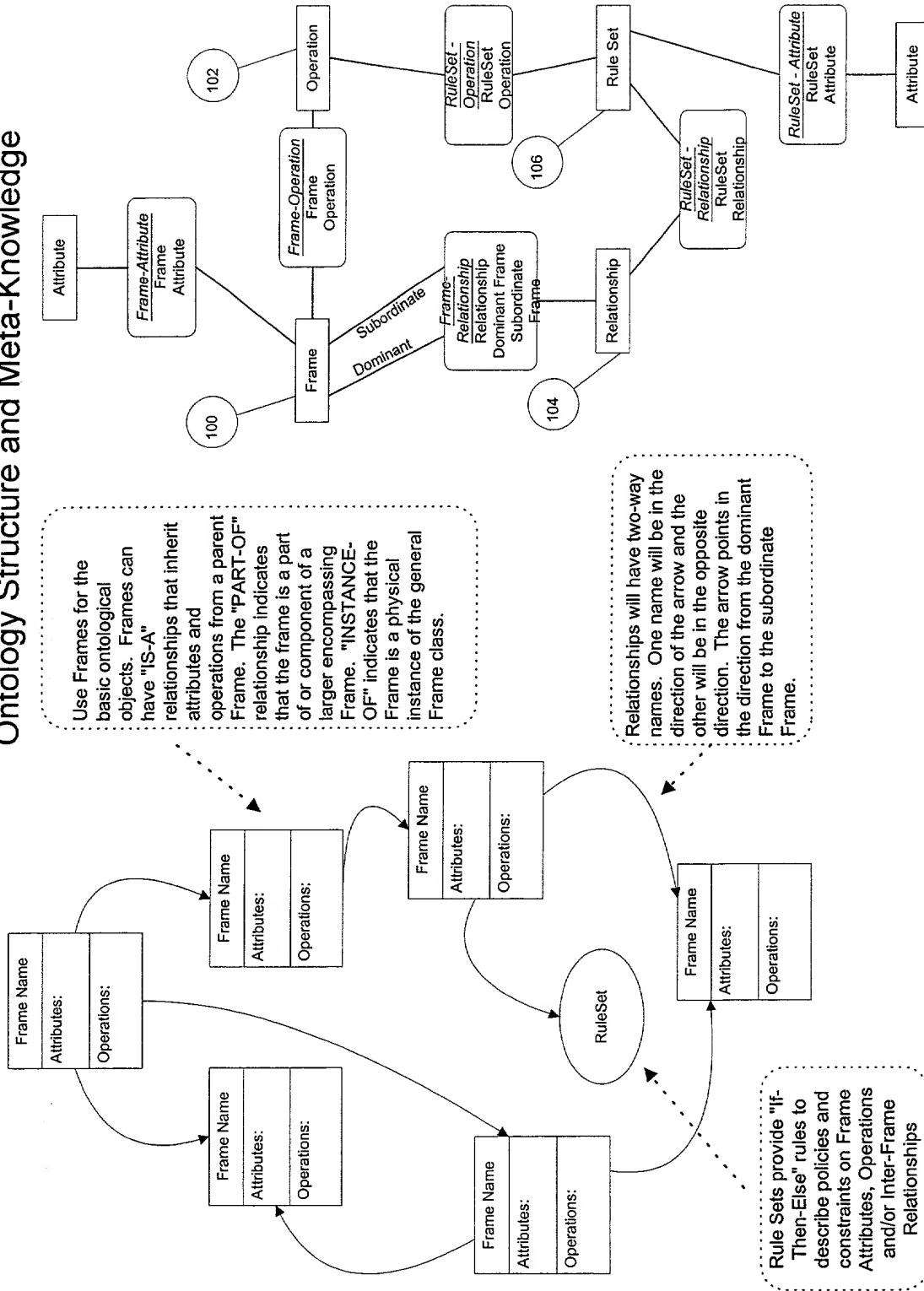


Figure 6

# Intelligent Order Fufillment Planning

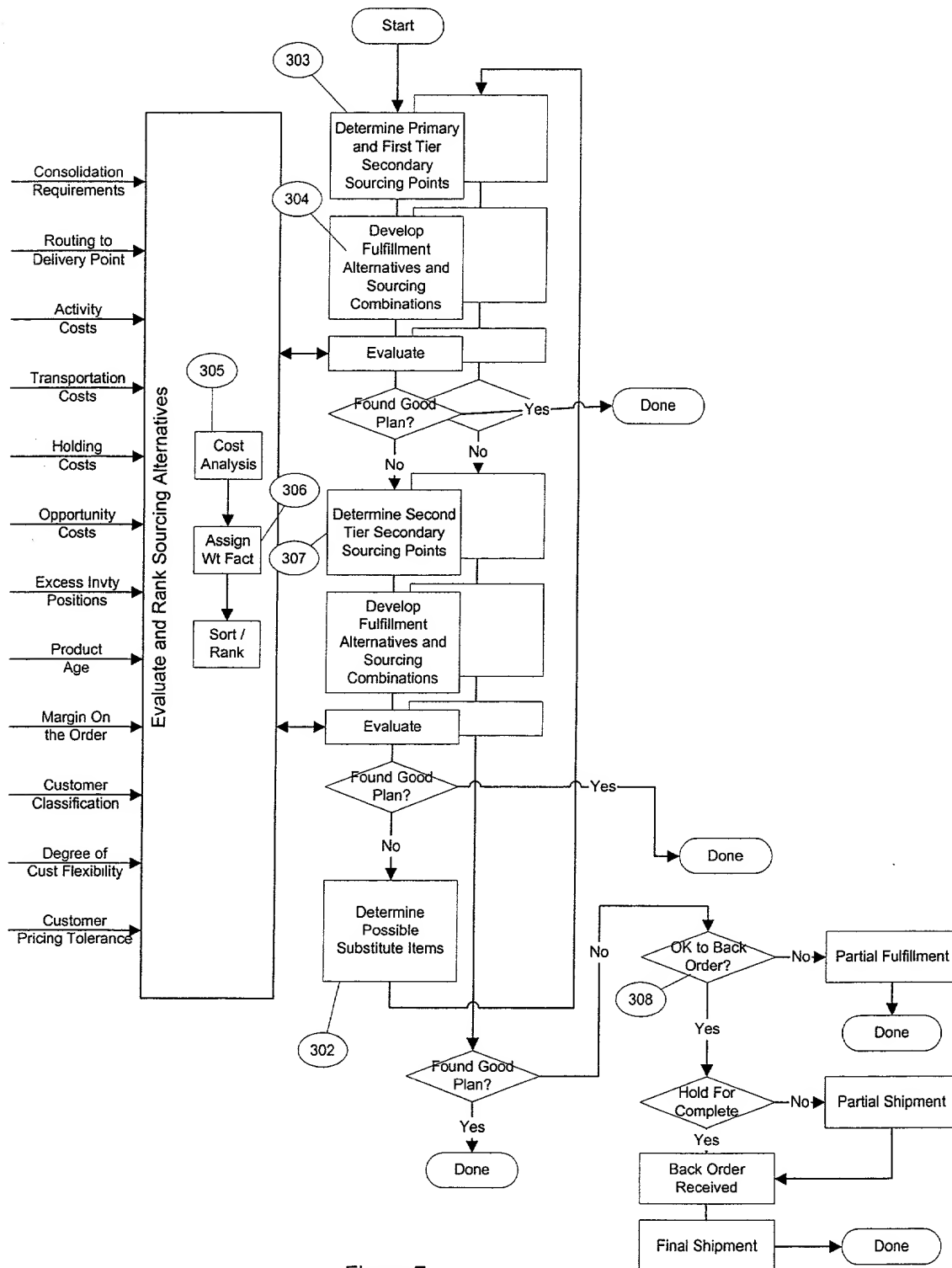


Figure 7

# Inventory Management

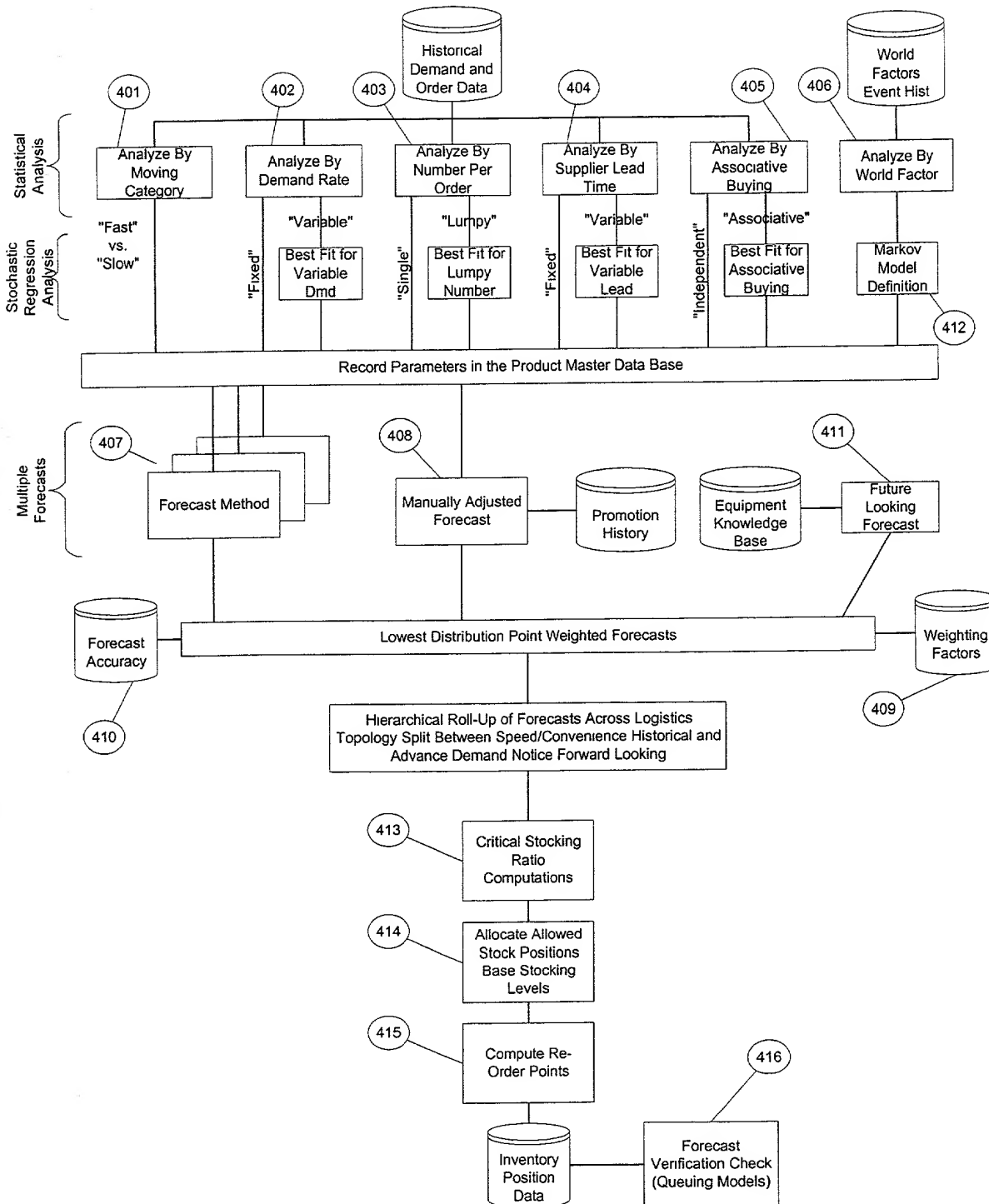


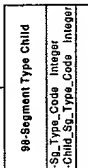
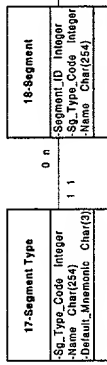
Figure 8



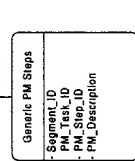
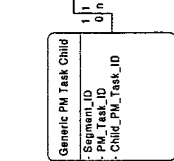
# MRO ISCM - Equipment Knowledge Base

## Generic Equipment

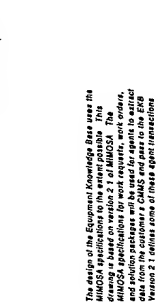
Note - MROSCA suggests only Table 31 - Asset Type and Table 39 Asset Type Child instead of the separate tables for the equipment and the equipment item. This is because the equipment and the equipment item are not separate entities. The equipment item is a part of the equipment.



The MROSCA standard relates using and attributes facilities that need not be used in the equipment item. The equipment item is a part of the equipment.



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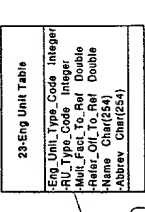
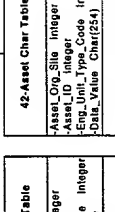
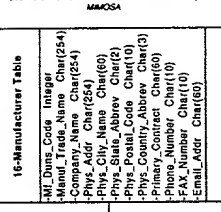
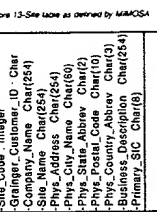


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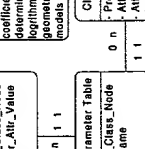
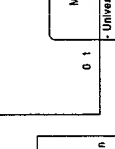
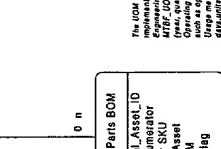
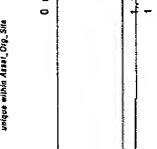


## Specific Equipment Instances

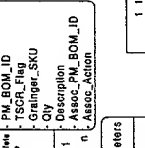
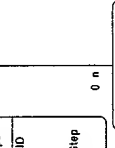
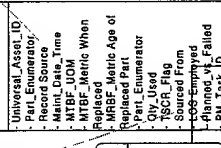
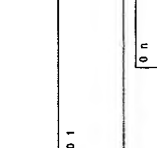
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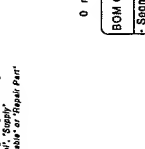
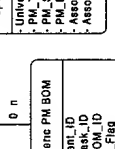
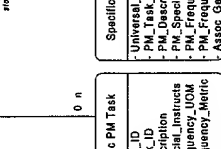
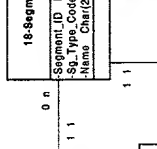
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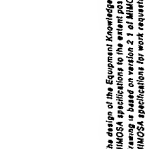
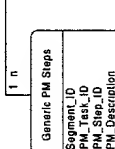
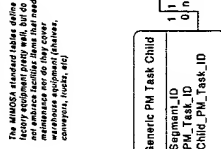
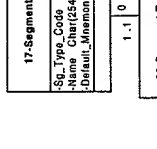
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**Figure 10a**

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# New Customer Equipment Data Added to Equipment Knowledge Base (cont)

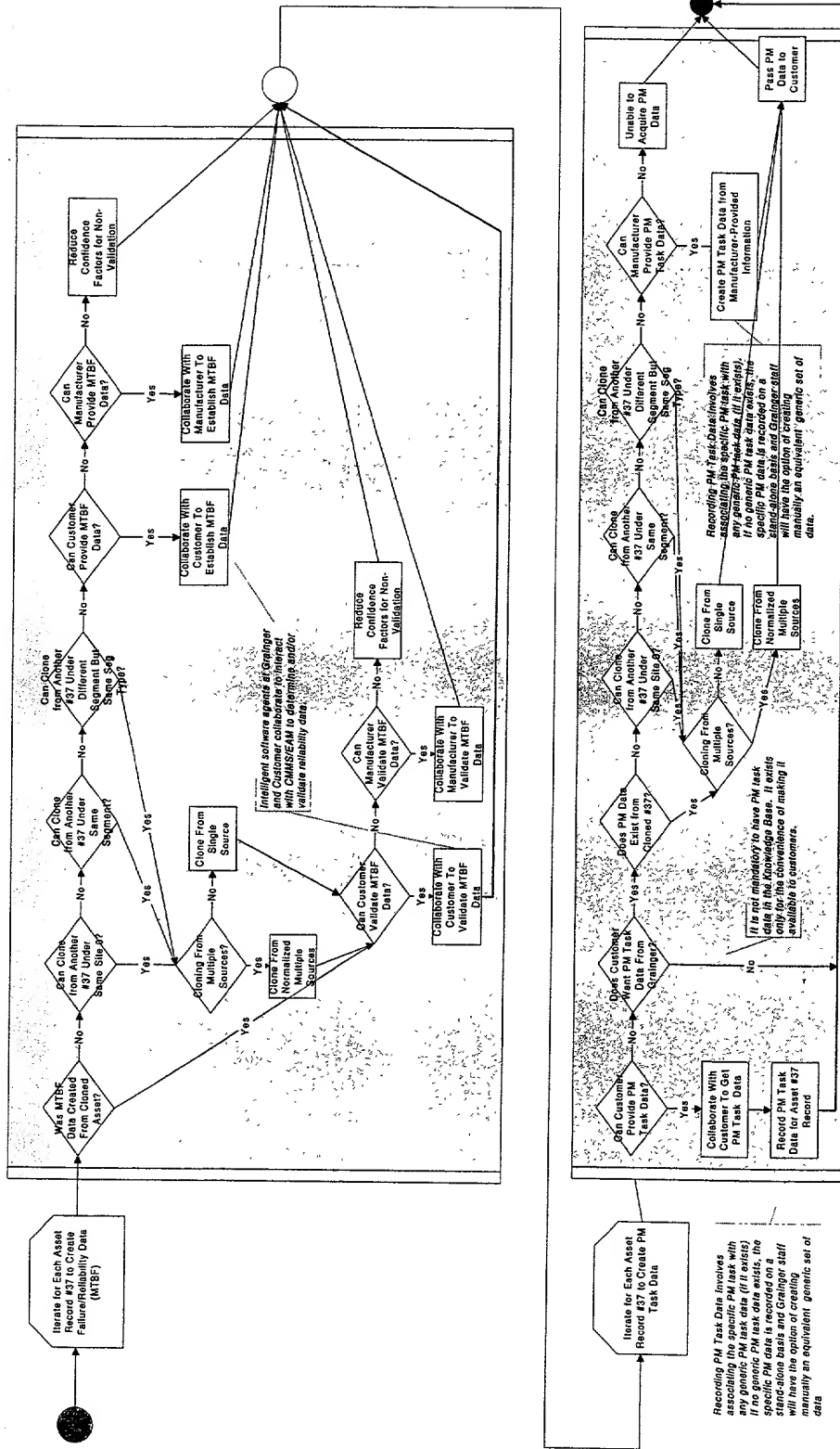


Figure 10b



# MRO Integrated Supply Chain Management Environment and System

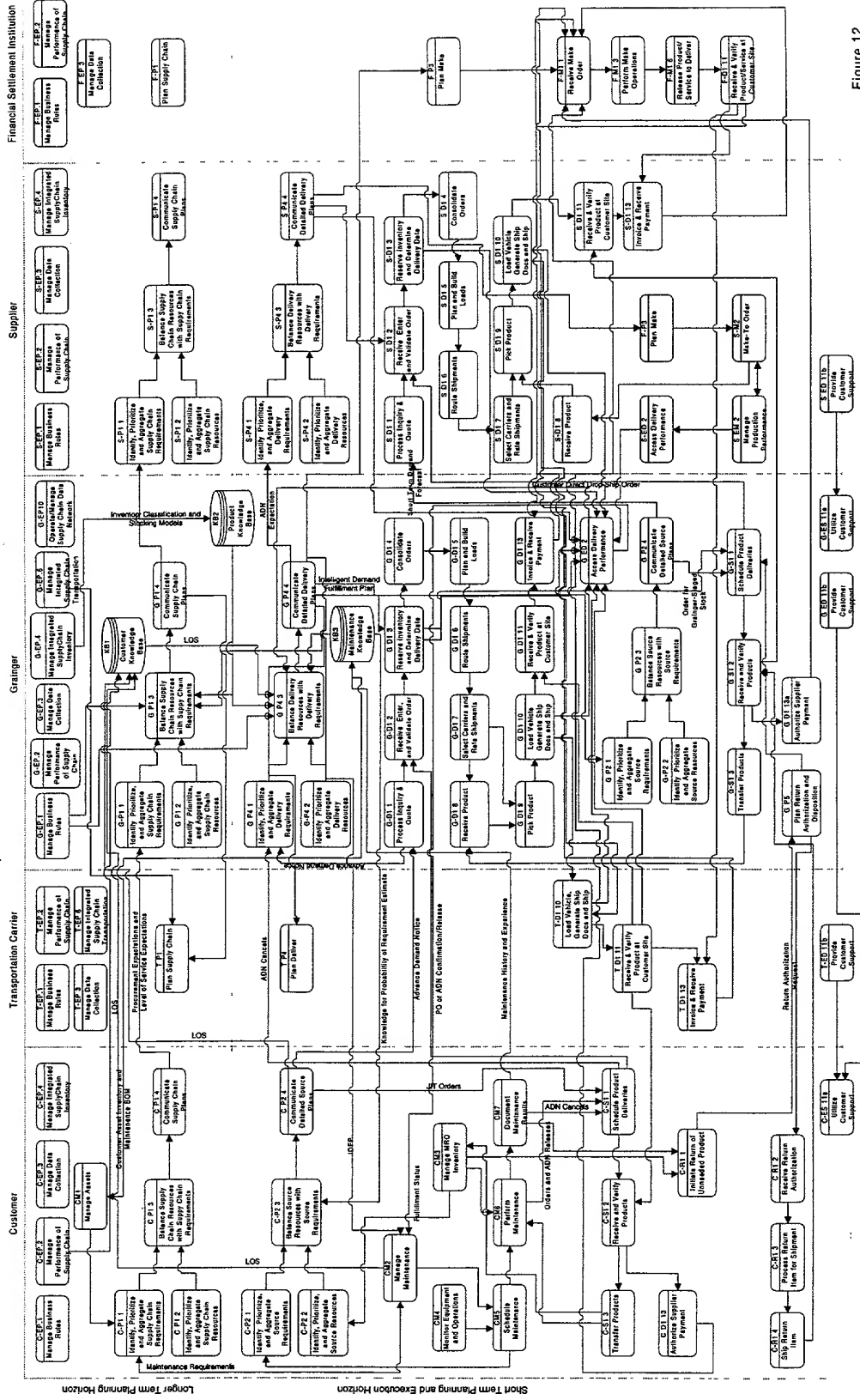


Figure 12

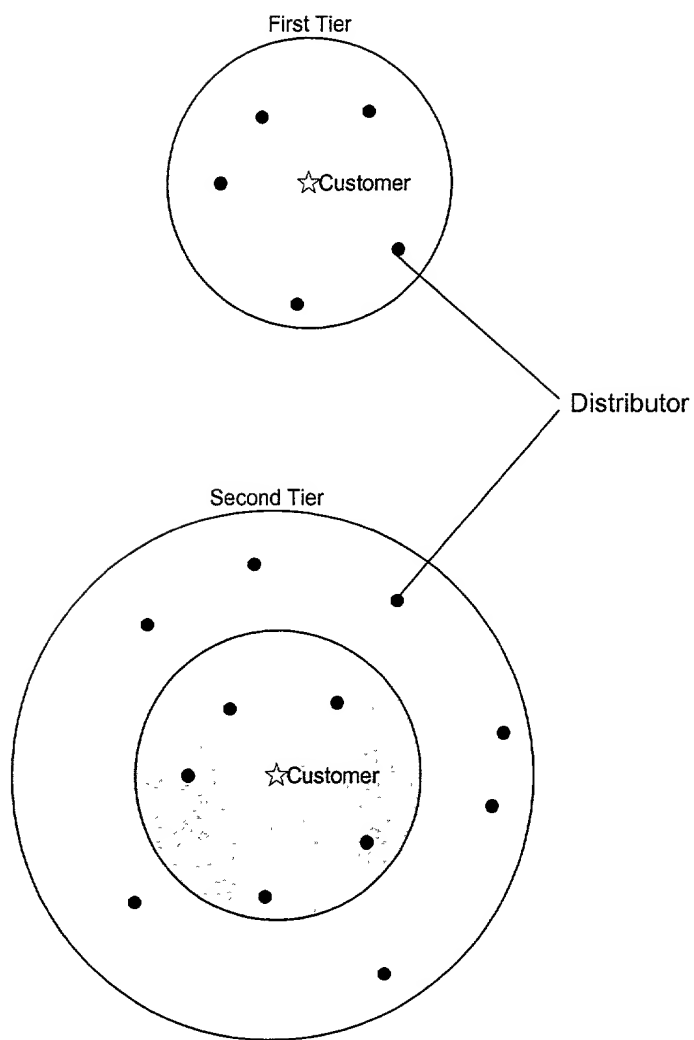


FIGURE 13